

Massachusetts Department of Environmental Protection - Drinking Water Program Lead and Copper - 90th PERCENTILE COMPLIANCE Report (For Systems Required to Collect More Than 5 Samples)

LCR-D

I. PI	NS INFOR	MAT	ION: Pleas	se refe	r to your DE	P Lea	d & Copper s	ampling	plan for a	pprove	d sampling	locati	ions.				
	S ID #:	[321300					City / 1	_		READIN						
PW:	S Name:	[North Re	ading	Water Dep	artm	ent			P	WS Class	s: C	OM 🛛 NTI	NC 🗆			
San	pling	T	☐ FIRST S	EMI-AN	NNUAL SAMPLING PERIOD						☐ REDUCED - EVERY THREE YEARS						
Fred	quency:		☐ SECONE	SEMI-	MI-ANNUAL SAMPLING PERIOD						☐ LEAD SERVICE LINE (LSL) REPLACEMENT PROGRAM						
(choo	se one)		☐ REDUCE	D – AN	NUAL						NSTRATION						
limit mg/L Step nece	se report res (MDL) but be for copper. 2: Multiply t ssary.	elow C	nat are ND o 0.005 mg/L fo al number o	r less tor lead	or 0.05 mg/L	for co	o highest value ory's reported o opper shall be re o (this is your 9	detection eported a 0 th percer	limit (MDL is measure ntile samp) as zero ed or ma le numb	o. Results a y be reporte er). Round	t or about of as 0 to the r	ove the labora .0025 mg/L fo nearest whole	tory's de r lead o	etection or 0.025 er, if		
Slep than	3: Compare	the s	ample result	at the	90th percen	tile sai	mple number a required to cor	gainst the	e correspo	nding a	ction level.	If the 9	Oth percentile	value i	s higher		
							WS is a schoo		30L1 as	30011 43	possible to	mom	nation on com	pliance	actions.		
		1	EAD RES	III TS	(ma/l)							FO.111		- Toronton			
#	Results	#	Results	#	Results	#	Results	#	Results		1		TS (mg/L)				
1*	ND	16	ND	31	Tresuits	46	Results	1*	0.003	16	Results	#	Results	#	Results		
2	ND	17	ND	32		47		2	0.005	17	0.067	31		46			
3	ND	18	ND	33		48		3	0.011	18	0.070	32		47			
4	ND	19	ND	34		49		4	0.019	19	0.073	34		48			
5	ND	20	0.001	35		50		5	0.030	20	0.075	35		50			
6	ND	21	0.001	36		51		6	0.035	21	0.076	36		51			
7	ND	22	0.002	37		52		7	0.037	22	0.076	37		52			
8	ND	23	0.002	38		53		8	0.042	23	0.078	38		53			
9	ND	24	0.002	39		54		9	0.051	24	0.080	39		54			
10	ND	25	0.003	40		55		10	0.056	25	0.080	40		55			
11	ND	26	0.003	41		56		11	0.063	26	0.086	41		56			
12	ND	27	0.005	42		57		12	0.063	27	(0.087)	42		57			
13	ND	28	0.005	43		58		13	0.065	28	0.101	43		58			
14	ND	29	0.007	44		59		14	0.065	29	0.117	44		59			
15	ND	30	0.034	45		60		15	0.066	30	0.121	45	***************************************	60			
	st Value							<u> </u>			THE RESERVE OF THE PARTY OF THE	anna -		***************************************	The second secon		
My s	ystem was	s requ	uired to coll	ect:_	30	ead a	ind copper sa	imples.	My syste	m colle	cted:	30	lead and o	opper	samples		
			ples collec		30	x 0.9		Thi	is numbe	r is my	system's 9	90 th p€	rcentile sam	ıple#.			
Circle 1	he 90 th pe	rcenti	ile sample	# for b	oth lead ar	nd cop	pper in the tal	ble abov	e, and er	nter the	results in	the ap	propriate sp	Jaces I	pelow.		
	0.0			A CONTRACTOR OF THE PARTY OF TH	Compared					087	The second second second	i	Compared	-			
(Lead result at 90th percentile sample#)											90 th percentile sample#) (The copper action level)						
II. CEF	RTIFICATION	ON:		- ,		A RESIDENCE OF THE PARTY OF THE				ALL PROPERTY OF STREET	T-1-14		Tine copper	action ie	3461)		
Check	and complet	te the	correct state	ement f	or lead as d	etermi	ned by the abo	ve result	s if you ha	ave an e	vceedanco	and ve	NI OFO D COMP	oumilu =			
you mu	at combin w	tor trie	Consumer	Conna	ence Rule (t	JUK) I	eporting requir	ements i	n accordar	nce with	310 CMR 2	2.16A	(4)(i)6.	iumy s	ystem		
					e lead action		el.										
) My syste	m ex	ceeded the	e lead	action leve	el and			sa	mpling	siles exce	eded	the lead act	ion lev	el,		
Check a	and complet	e the	correct state	ment f	Or copper as	deter	# Insert) mined from the	of sample	es)								
system	you must co	mply	with the Cor	sumer	Confidence	Rule	(CCR) reporting	g require	ments in a	ou nave iccordan	en exceeda	ance ar	nd you are a c 22.16A(4)(i)6	ommur	nity		
\boxtimes	My syste	m wa	s at or bel	ow the	e copper a	ction l	evel.					0	22,10/1(4)(1)0	Į.			
	My syste	m ex	ceeded the	сорр	er action le	evel a	nd		sai	mpling	sites exce	eded	the copper a	action !	level		
							(Insert # been previously a jual results. I cert of my knowledge		s) n writing by	#ha 050							
1100	Water Sup	erinte	ndent		W	arl	29, (11	ul1.					tal 2	1/1/40			
		tle			•	Si	gnature of PWS	or Owner's	Represent	ative		=		1/1/12 Dale			
lease si	ıbmit Form L	.CR-C	along with th	is form	ı.								Page 1	of	1		

Massachusetts Department of Environmental Protection - Drinking Water Program

Lead and Copper Analysis Report

I. PWS IN	FORMATIO	N: Please r	efer to your	r DEP Lea	d & Co	pper sampli	ng plan f	or approv	ed sampling lo	cations					
	I. PWS INFORMATION: Please refer to your DEP Lead & Copper sampling plan f PWS ID #: 3213000 City / Town:									NORTH READING					
PWS Nam	PWS Name: North Reading Water Department									PWS Class: COM M NTNC TNC					
Poutles - C	and Cample		riginal, Resu	bmitted or	(A-1-)		1.4								
Routine or Sp	eciai Sampies	3	Confirmatio) Reason	If Resubmitted Report, list below: on for Resubmission (2) Collection Date of Original Same										
⊠RS	□ss	☐ Origina	Resubmit	tted 🔲 Conf	Confirmation ☐ Resample ☐ Rear					(2) Collection Date of Original Samp					
SAMPLE NOT	TES - (Such as	s, if a Manifold/	Multiple samp	le, list the se	ources th					The state of the s					
			· · · · · · · ·				y daning se	mpio dolloo							
II ANALVI	TICAL LAD	ORATORY	INFORMA	TION:	274 YOU			The second second			A STREET, STRE				
				HON:											
Primary Lab	MA Cert. #	M-MA086	Prima	ry Lab Na	me: 📝	Alpha Analytic	al			Subcontracte	d? (Y/N) N				
Analyte	Analyte Action Level (mg/L) Lab M				ME)L (mg/L)	Analysi	is Lab MA Cert.#		Analysis Lab Name					
			0.8		0.001	N	1-MA086		Alpha Analytical						
	Copper: 1.3 200					0.001	N	I-MA086		Alpha Analyi	lical				
LAB SAMPLE	NOTES		-1												
					The second second										
DEP	Approved S	ample Locat	ion	Collectio	n Date		LEAD		co	PPER					
(See DEP ap	(See DEP approved LCR plan for sampling locations)				II Date	Result (mg/	L) Date	Analyzed	Result (mg/L)	Date Analyzed	Lab Sample ID#				
1				8/31/2	012	ND	9/	/8/2012	0.037	9/8/2012	L1215858-12				
2				9/1/20	012	ND	9/	8/2012	0.069	9/8/2012	L1215858-03				
3				9/2/20		0.002	9/	8/2012	0.070	9/8/2012	L1215858-04				
4				9/4/20		0.001	9/	8/2012	0.019	9/8/2012	L1215858-06				
5				9/4/20		0.003	9/	8/2012	0.035	9/8/2012	L1215858-10				
7				9/4/20		ND	9/	8/2012	0.042	9/8/2012	L1215858-07				
8				9/4/20		ND		8/2012	0.063	9/8/2012	L1215858-14				
9				9/4/20		ND		8/2012	0.073	9/8/2012	L1215858-15				
10			-	9/4/20		ND		8/2012	0.080	9/8/2012	L1215858-08				
11			-	9/4/20 9/5/20		0.034		8/2012	0.117	9/8/2012	L1215858-13				
12			-	9/5/20		ND ND		8/2012	0.011	9/8/2012	L1215858-09				
13			4	9/5/20		0.003		3/2012 3/2012	0.067	9/8/2012	L1215858-05				
14			2	9/5/20	100000	ND		3/2012	0.075	9/8/2012	L1215858-11				
15			1	9/6/20		0.007		3/2012	0.076	9/8/2012	L1215858-02				
16			1	9/6/20	12	0.002		5/2012	0.066	9/8/2012 9/15/2012	L1215858-01				
17			†	9/7/20	12	0.001		5/2012	0.063	9/15/2012	L1216313-07				
18			†	9/7/201	12	ND		5/2012	0.076	9/15/2012	L1216313-06 L1216313-08				
9			Ţ	9/7/201	12	0.002		5/2012	0.101	9/15/2012	L1216313-08				
20	-			9/8/201		ND	9/18	5/2012	0.065	9/15/2012	L1216313-05				
Repo	n SCHOOL RE	SULTS collect	ted in accorda	ince with 31	CMR 2	2.06B (7)(a)9 b	elow. Do r	not use thesi		90 th percentile calcul	ations.				
Hood Scho	ool 1			9/12/20		ND	The second second	5/2012	0.114	9/15/2012	L1316313-03				
Hood Scho	and the same of th			9/12/20	12	ND	9/15	/2012	0.030	9/15/2012	L1216313-04				
Little School				9/13/20	12	ND	9/15	/2012	0.312	9/15/2012	L1216313-01				
Little School	ol 2			9/13/201	12	ND	9/15	/2012	0.294	9/15/2012	L1216313-02				
	and the inform plete to the bes hese results ei	allon containe at extent of my ectronically, m this rej	d herein is ti knowledge. ail <u>ONE</u> copy port <u>or</u> no late	rue, of this repor r than 10 da	t to your		l Office no reporting n	Date:		11/1/2012 ad of the month in wh					
CON	A & NTNC P	ıblic Waler S	uppliers mus	st submit F	orms L	CR-D or LCF	R-E with t	his form to	the appropriate	DEP Regional Off	ice I				
P REVIEW S	TATUS (Initia	al & Date)			Revi					our Regional Off	ice,				
Accepted		Disapprov	red.	(Comme										

Massachusetts Department of Environmental Protection - Drinking Water Program

Lead and Copper Analysis Report

PWS ID #;		213000	1						ed sampling lo			
		North Reading Water Department								COM ⊠ NTNC □ TNC □		
						—	CIECUTA		A CONTRACTOR OF THE PARTY OF TH		,	
Routine or Spe	cial Sample:	5	riginal, Resu Confirmation				/4\ D		submitted Repo			
⊠ RS	□ss	I ☐ Resubmit	ted D Confi	☐ Bass		eason for Resubm		(2) Collection Date	e of Original Samp			
								Reanalysis Ruring sample collect				
		,	vidiopic samp	ic, list the so	orces (i	et were on-	ine or	inng sample collect	ion).			
11 4514130			West of the second seco		The state of						CONTROL OF THE PARTY OF THE PAR	
II. ANALYT	CAL LAB	ORATORY	INFORMA	TION:	_							
Primary Lab	MA Cert. #	: M-MA086	Prima	ry Lab Nar	me:	Alpha Analy	tical			Subcontracte	d? (Y/N) N	
Analyte	Action Le	evel (mg/L)	Lab M	ethod	OL (mg/L)	A	nalysis Lab MA C	ert.#	Analysis Lab	Name		
Lead: 0.015		200	200.8			T	M-MA086		Alpha Analy			
Copper: 1.3 200				0.8		0.001	1	M-MA086		Alpha Analyi		
LAB SAMPLE	NOTES									, inprina , titaly		
DEP A	pproved S	ample Locat	ion				LF	AD		DDED		
			in for sampling locations)		n Date	Result (mg/L)		Date Analyzed	Result (mg/L)	PPER Analysis	Lab Sample ID:	
1			-	9/18/20	012	ND	91	10/10/2012	0.051	Date Analyzed	14047007.54	
2			12	9/19/20		ND		10/10/2012	0.031	10/10/2012	L1217697-01	
3			-	9/27/20		ND		10/10/2012		10/10/2012	L1217697-02	
4			-	9/25/20		ND	_	10/10/2012	0.080	10/10/2012	L1217697-03	
5	(9/12/2012		0.005		10/10/2012	0.086	10/10/2012	L1217697-04			
- 7				9/27/2012		0.005		10/10/2012	0.121	10/10/2012	L1217697-05	
				9/26/2012		ND		10/10/2012	0.087	10/10/2012	L1217697-06	
8			N	9/27/20		ND		10/10/2012	0.003	10/10/2012	L1217697-07	
9			-	9/26/20		ND		10/10/2012	0.065	10/10/2012	L1217697-08	
0			-	9/26/20		ND		10/10/2012	0.056	10/10/2012	L1217697-09	
1			1==					10/10/2012	0.036	10/10/2012	L1217697-10	
2			-									
3			1			- White		-				
4			-		$\neg \uparrow$							
5			1									
6			1				\neg					
7			1									
В			7				\neg					
9			7									
) .			T									
Repor	SCHOOL RI	ESULTS collect	led in accorda	ince with 310	CMR 2	2.06B (7)(a)	9 belo	ow. Do not use thes	e school results in	90 th percentile calcul	alions	
Hood Scho	ol 1			9/12/201		ND		9/15/2012	0.114	9/15/2012		
Hood Scho	ol 2			9/12/201	12	ND		9/15/2012	0.030	9/15/2012	L1316313-03	
Little School	ol 1			9/13/201	2	ND		9/15/2012	0.312	9/15/2012	L1216313-04 L1216313-01	
Little School	12			9/13/201	2	ND		9/15/2012	0.294	9/15/2012	L1216313-01	
erlify under pena out this form a	Ities of law th	at I am the per	son authorize	d to Pr	rimary	Lab Dire	ecto	r Signature:	1 1 1	en W. Clark	1- 7	
curate and comp	lete to the be	st extent of my	knowledge.	rue,				Date:	1.1.6	11/1/2012	1 1010017	
		lectronically, m.	ail ONE copy	of this repor	t lo you	DEP Regio	nal O		0 days after the er	11/1/2012 nd of the month in wh	nich you received	
	The second second second second	tettire			, o ance	THE CHILD OF TH	10 10L	iorunu benou, wnici	TEVEL IS SOODER	DEP Regional Off		
P REVIEW ST	ATUS (Initi	al & Date)						- with this form (0	me appropriate	DEP Regional Off	ice.	
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